# ANNUAL REPORT

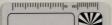
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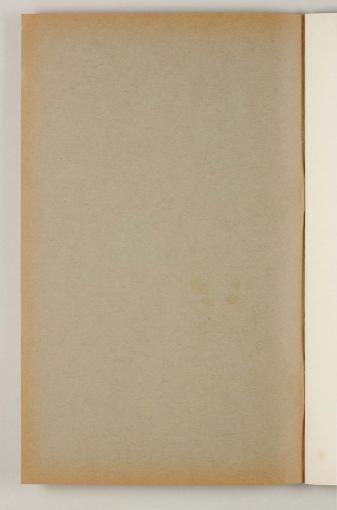
## AUCKLAND INSTITUTE AND MUSEUM

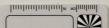
1943-4



Adopted at the Annual General Meeting held on 31st May, 1944.







### ANNUAL REPORT

OF THE

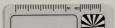
# AUCKLAND INSTITUTE AND MUSEUM

For 1943-44

Adopted at the Annual General Meeting, held on 31st May, 1944.



AUCKLAND 1 9 4 4



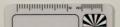
### Staff of the Museum.

Director	D.SC., F.R.S.N.Z.
Assistant Director	. A. W. B. POWELL, f.r.s.n.z.
Hon. Numismatist	J. C. ENTRICAN.
Hon. Curator of English China	C. REGINALD FORD, F.R.L.B.A.
Hon. Curator of Oriental Collections	CAPT. G. A. HUMPHREYS- DAVIES.
*Ethnologist	V. F. FISHER.
Acting Ethnologist	OLWYN M. TURBOTT.
*Assistant Zoologist	E. G. TURBOTT, M.sc.
Acting Ornithelogist	MAJOR G. A. BUDDLE, p.s.o.
Education Officer	ZOE O. LLOYD, B.A.
Assistant Education Officer	. ASTRID M. DAVIES.
Librarian	M. C. CLELAND.
Bookkeeper and Typist	MURIEL KNIGHT.
Typist	PAULINE C. BOYD.
Taxidermist	C. W. DOVER.
Cabinetmaker and Joiner	FRANK QUAYLE.
Custodian	J. L. DAVY, D.C.M.

### Attendants:

J. STEWART, H. G. HOLLAMBY, S. M. BETTERIDGE, F. LAWTON, G. H. THORNHILL.

\*On Military Service.



### OFFICERS

OF THE

### AUCKLAND INSTITUTE

AND

### **MUSEUM**

1944-1945

09000

President: MR. J. C. RENNIE, LL.B.

Wice-Presidents;
MR. A. H. JOHNSTONE, K.C., B.A., LL.B.
MR. W. A. FAIRCLOUGH, M.B., CH.B.
MR. C. REGINALD FORD, F.R.I.B.A.

### Council:

HON. T. BLOODWORTH, M.L.C. MR. H. C. McCOY. DR. HOLBROOK A. CHATFIELD. MR. A. T. PYCROFT.

MR. J. C. ENTRICAN. SIR CARRICK ROBERTSON, MR. V. I. LARNER, M.B.E. F.R.C.S.

SIR C. J. LARNER, S.D.E.

PROFESSOR H. W. SEGAR, M.A.,

MR. A. G. LUNN.

SIR FRANK MAPPIN, Bart

MR. E. EARLE VAILE.

Representatives of the Auckland City Council:
HIS WORSHIP THE MAYOR, J. A. C. ALLUM, Esq.
MISS ELLEN MELVILLE.
MR. R. S. HARROP, B.Com.

Representatives of Local Bodies:
MR. S. W. HOUSE. MR. A. MURDOCH.
MR. C. H. K. MOUNTAIN.

Trust Board:

MR. V. J. LARNER (Chairman).
MR. E. ANDERSON.
SIR CECIL LEYS.

MR. A. G. LUNN.
CAPT. KENNETH B. MYERS,
N.Z.A.

Director:
GILBERT ARCHEY, O.B.E., M.A., D.SC., F.R.S.N.Z.



Lohan, a disciple of the Buddha. Wooden statue, nearly life size. Early Ming Dynasty. Captain G. Humphreys-Davies Collection.

### Reports to Members

### President

The year which has just closed has been one of restoration. Members will recollect that after the threat of invasion by the Japanese many of the more valuable books and collections had been removed from the Museum to places of greater safety.

It is a pleasure to report that the books have now been returned to the library and the collections brought back to their accustomed places in the Museum; the Maori houses which were partly dismantled have been re-erected and repainted, and the great war cance has been uncovered and re-decorated. The Maori Court has again resumed its erstwhile pleasing appearance. The thanks of the Institute are due to Sir Frank Mappin, to Mrs. H. W. Shove and to the Dilworth Trust Board for providing safe accommodation for the books and collections.

The public lectures, both evening and Sunday afternoon, have been revived in full and have received a full measure of public interest and support.

**Staff.**—The Director, Lt. Col. Gilbert Archey, was released from military service in July and returned at once to his duties at the Museum.

Mr. E. G. Turbott, Assistant Zoologist, proceeded on overseas military service in the same month.

The resignation of Mr. Edwin Leece, who was mechanic to the Museum since 1928, is recorded with regret.

Miss Lucy M. Cranwell, Botanist to the Museum, was married in September to Major S. Watson Smith, of the Army of the United States. In February she resigned in order to join her husband at Washington. By her resignation the Museum has lost the services of a distinguished scientist. Since her appointment in August, 1929, she has done excellent work in the care, extension and development of the Cheeseman herbarium and in the general duties incidental to her office; in addition by her writings and lectures and by her interest in and enthusiasm for the annual Cheeseman Native Flower Show she did much to create public interest in the Museum and in botanical science. She was an assiduous collector of botanical specimens both in New Zealand and in other countries. During her vacations she under-

took important research on the pollen grains found in swamp deposits; in New Zealand and in Sweden with Prof. L. Von Post and in Hawaii with Prof. C. Skottsberg. The Loder Cup "to encourage the production and cultivation of the incomparable flora of the Dominion" was awarded to her in 1937. Last year in collaboration with Captain Josiah E. Green, of the United States Marine Corps, and Mr. A. W. B. Powell, she prepared the booklet "Food is Where You Find It" for the use of airmen and others who may be cast away on the Pacific Islands. The publication has needed four impressions (23,000 copies) for service requirements.

Membership.—The membership of the Institute at the beginning of the year was 565. Of these we have lost 20 by death or resignation and 12 by deletion from the membership roll. Thirty-two Ordinary and six Life Members were elected during the year. The roll, which includes five members of the United States Armed Forces, now stands at 571, of whom 174 are Life Members.

Obituary.—The death of the following members is recorded with sincere regret: Mrs. J. Kenderdine, Sir H. Horton, Dr. W. H. Horton, Dr. S. Stride, Hon. O. F. Nelson, Messrs. W. J. Bridson, J. Dempsey, H. R. Dix, R. L. Stewart, A. Suter and E. C. Turner.

Honours.—Congratulations are extended to Dr. L. H. Briggs for the award of the Hector Medal by the Royal Society of New Zealand, and to Mr. C. A. Fleming on receiving the Hamilton Prize. The awards were conferred by Dr. H. H. Allan, President of the Royal Society, at a meeting at which Dr. Briggs delivered a public lecture on Hormones of Animals and Plants.

Council.—The Council held six meetings during the year, all of which were well attended.

Finance.—Revenue for the year showed an improvement through a satisfactory increase in members' subscriptions and the sale of publications, which are being freely purchased by United States servicemen; the return from investments is lower than in former years.

Expenditure on insurances has again been high, but will be less in the coming year; salaries and wages have also increased through the additional help required for returning the collections to the Museum. General expenses have been slightly lower and it has been possible to transfer £200 to the war contingencies reserve.

The amount carried forward, £1,168, is the customary provision for April and May, which produce no revenue.

Public Activities.—The Council has joined with the University College, Royal New Zealand Institute of Horticulture, Auckland Botanical Society, Alpine Sports Club and The Auckland Tramping Club in seeking representation of scientific and educational interests on the Auckland Centennial Memorial Park Board. It has also co-operated with the Society of Arts in urging the preservation of trees on State-housing subdivision districts. The representations made in this behalf were welcomed by the housing authorities, An appeal has been made to members to donate back numbers of the "Transactions of the Royal Society of New Zealand" for replacement of sets destroyed during the War.

It has been decided to name the Native Natural History Hall the "Cheeseman Hall" in commemoration of the scientific work of the late Thomas Frederic Cheeseman,

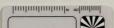
There has been no lessening of public interest in the Museum and its activities since the outbreak of War. The frequent visits and inquiries of Allied Servicemen have taken a large but pleasant toll of the time of the staff. The important work among the children is being continually expanded and developed. Not only are more school children visiting the Museum and a wider variety of topics for classes being made available to them, but more specimens and information are going to schools far in the country. The only limit to this work is the physical impossibility of preparing and sending a larger number.

Gifts to the Museum.—Capt. G. A. Humphreys-Davies, Hon. Curator of Oriental Collections, has donated the whole of his valuable collection of Chinese pottery and porcelain, and has also secured for the Museum gifts of especially fine specimens from leading collectors abroad. He has also donated two valuable Chinese bronzes.

Mrs. Hemingway has given the late Mr. W. H. Hemingway's extensive collections of rare and beautiful insects, both those displayed by Mr. Hemingway in the Museum and his large cabinet collection.

Mr. E. Earle Vaile has donated over 80 Volumes and many pamphlets relating to discovery, exploration and native life in New Zealand and the South Pacific.

A bequest of  $\pm 500$  by the late Mr. M. Harding was received during the year.



Owing to the generosity of Messrs. R. C. Horton, V. J. Larner, David Nathan, W. Goodfellow and S. B. Waters, the Museum has been enabled to acquire a further three Chinese bronzes. All these gifts are gratefully acknowledged.

General.—The Auckland Museum, founded in 1852, and The Auckland Institute, founded in 1867, were amalgamated in October, 1869, under the title "The Auckland Institute and Museum." The amalgamated institution will therefore complete the first seventy-five years of its life in October next. The site in Princes Street of the first building occupied by the Institute and Museum was granted by the Auckland Provincial Government, and at a later date the Provincial Government made a gift of £2200 for extensions to that building. When the present magnificent building was erected the New Zealand Government made a substantial contribution towards its cost, and many friends both in New Zealand and elsewhere have made valuable donations. But it can be said with pardonable pride that for the most part this great cultural and scientific institution has been created and maintained by the efforts of the people of Auckland and surrounding districts.

Nevertheless there has always been a struggle to make ends meet. The total revenue for this year was £8.276, of which subscriptions yielded £447, interest on investments £1.297, and contributions from local bodies £5.700. An increased revenue is urgently needed and a Committee has been set up to consider ways and means of obtaining it. If, as seems probable, it is necessary to approach the public for funds either directly or through local bodies, the Council has confidence that the response will be a generous one.

A. H. JOHNSTONE.

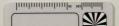
£33,325 8 10

### Chairman, Trust Board

Our total invested funds amount to £33,325/8/10, made up as follows:—

Mortgages		 9,639	1	3
Debentures		5,546	0	2
Stock		17,989	8	11
P.O.S.B.		150	18	6
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During the year the Auckland City Council redeemed £2,700 debentures held by the Board. The Trustees re-invested the proceeds in N.Z. Government Stock of short-dated maturity. We have also invested accumulated funds together with a bequest of £500 from the estate of the late Mr. Maurice Harding. The Institute and Museum funds are all fully invested and earning interest. The one security noted last year as being unsatisfactory is being steadily improved by small reductions of principal, and interest on all mortgages is paid up to date.

V. J. LARNER.

### Director

Institute Meetings.—The restoration of the Monday evening public lectures received good support from members. Of the four given, two were arranged in conjunction with the University College, and Dr. Briggs' lecture was made the occasion for presentation to him of the Hector Medal. The thanks of members for the lectures given are due to:—

Mr. W. R. McGregor: "Some Aspects of the Territory of New Guinea."

Dr. L. H. Briggs: "Hormones: Chemical Growth Substances of Plants and Animals."

Lt. Col. W. Wesley Clemesha: "Some Historical Outbreaks of Malaria."

Count K. Wodzicki: "The Homing Instinct in Birds."

Sunday Lectures.—The popular lectures in the Museum on Sunday afternoons were again well received. For once they were entirely on overseas subjects, chiefly dealing with areas that are of special interest through the war.

Mr. R. B. Sibson: "Wanderings Among the Isles of Greece."

Mrs. Olwyn M. Turbott: "Micronesia."

Dr. Lai-yung Li: "China's Part in the War."

Mr. H. A. Wood; "Snakes."

Mr. R. B. Sibson: "The Mainland of Greece."

Lieut. J. W. Kealy: "Impressions of the Middle East."

Anthropology and Maori Race Section.—Chairman, Mr. A. T. Pycroft; Hon. Secretary, Mrs. Graham Turbott, The Section carried on this year with a shortened syllabus. Only two lectures were given, one by Mr. A. F. Grace and the other by Mr. George Graham. Mr. Graham was assisted in his lecture on "Maori Songs" by members of the Akarana Maori Association.

### Astronomical Section.

The past year has been the 21st of the Section's existence. Few meetings have been held; but in other respects the Section has been quite active. The quarterly journal, "Starry Pages," has again proved popular, and is attracting new members. It now contains a practical section on the construction of astronomical telescopes by local amateurs, of whom there is a considerable number in Auckland. Although serving in the military forces for most of the year, the President, Mr. R. A. McIntosh, continued to write and produce the journal.

The recent decline in membership has been arrested and largely overtaken, and financial membership, which is still increasing, is now approaching 40. Loss of young men to the forces rather than lapsing subscriptions had been the principal cause of the decline.

Although Tuesday night public demonstrations at the Symonds Street observatory have been discontinued through lack of experienced demonstrators with sufficient time to conduct them, the telescope has proved particularly valuable this year. Several parties of servicemen arranged by the Army Education Welfare Service, have been conducted on star tours at the observatory by Mr. T. Rounthwaite, and further visits by soldiers are planned.

After five years service to the Section, the Honorary Secretary, Mr Rounthwaite, tendered his resignation. The office has since been filled by Mr. H. R. L. Blanks, recently returned from overseas service. The Section wishes to thank the Council of the Auckland University College and Professor P. W. Burbidge for the use of the Physics Lecture Room and the telescope.

Exhibitions and Education.—Temporary displays in relation to war areas have included native arts and crafts of Woodlark and the Trobriand Islands, and the birds of the Solomon Islands. The display of monkeys and large apes has been re-designed. Demonstrations of Maori plaiting and weaving have been given both to women students from the Training College, and to visiting parties of Allied Servicemen.

Postcards and booklets have been extensively purchased, especially by servicemen. South Sea Folk is now out of print, and a new edition is in hand; it is hoped to issue a new natural history handbook and a guide to the oriental collections during the year.

Accessions.—In addition to the record of natural history and ethnographical accessions in the reports of those departments, mention should be made of the valuable additions of Chinese and early English ceramics brought back by Captain Humphreys-Davies as gifts from Miss Violet Dickinson, Lt. Colonel K. Dingwall, and Mr. and Mrs. Harold Lane, Mr. Peter Sparks, and Mr. Victor Rienaecker.

The war section received two especially interesting additions in the scale model of Nissan Island presented by Major General H. E. Barrowclough, D.S.O., M.C., and a set of the security posters used in the Middle East, given by Lieut. P. Harris.

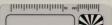
The Study Collections.—The return of the dispersed collections has been a major task for all departments, and while the displays have been restored and the carved houses re-built and repainted, there is still much to be done to bring the study collections back to their previous order and accessibility. The fact that the natural history and ethnographical departments each have only half their staff is a further hindrance to the completion of this work. Since Mrs. Smith left the botany department has been marking time; the native plant table has, however, been kept supplied weekly by friends and the herbarium is in order.

Field work has also been limited chiefly to vacation activities: Mr. Powell followed up his earlier investigations in the far north, and the writer examined and photographed two old and abandoned Maori meeting houses in the Mokai district.

"Assets and Liabilities." —Year by year record has been made in annual reports of additions to the collections in the Museum, and it may not be inappropriate to note what has been achieved and to consider why collections are made and increased, and what their possession involves.

In 1929 the whole collection of mollusca was shifted from the old museum in a few benzine cases; to-day over 30,000 species are represented in the collection, which also includes over 90 per cent of the known New Zealand mollusca.

Even the Cheeseman Herbarium, the basis of the Manual of New Zealand Flora, has been extended by the addition of varieties



### Assistant Director.

Ten months of the past year were taken up largely with administrative duties, but since the return of the Director satisfactory progress with arrears of departmental work has been achieved.

A major task was the re-installation of the Molluscan research collections, which had been in storage as a war security measure. The great improvement in the Pacific situation, the constant need for the collections for reference and regular maintenance requirements necessitated the return of all the natural history material. No deterioration of specimens resulted from storage, but there is a considerable amount of work to be done in the replacement of soiled labels.

The world index of molluscan systematics received 6,054 entries during the year, bringing the total of species covered to over 30,000. Also the Museum collection of New Zealand postage stamps was mounted in album form and catalogued.

A section on sea foods available to servicemen isolated in the S.W. Pacific was contributed in collaboration wih Mrs. Lucy M. Smith in the Museum publication, "Food is Where You Find It." No papers were published during the year, but further work was accomplished on the "Discovery II" Antarctic collections, and the manuscript of a paper on "The Australian Tertiary Mollusca of the Family Turride" was completed and awaits publication in the "Museum Records." Four public lectures were given, two of them to convalescent servicemen at a local United States Army hospital.

Two field trips were made, one to Moehau and Mercury Bay and the other to the Parengarenga District. The latter trip was for the purpose of completing an investigation into the fast disappearing land snail fauna of the area.

Notable accessions were the skeleton of a thirty-foot whale of the bottle-nosed group from Tapu, Thames coast, and a large whaling trypot of the type formerly bricked in on the deck of a whaler as described in Herman Melville's "Moby Dick." Mr. Hammond, of Thornton's Bay, notified the Museum of the stranded whale and assisted Mr. Dover, the Museum taxidermist, in securing the skeleton. The trypot was presented by Mr. L. A. McIntosh, of Kaitaia, while the Maoris of Te Kao, under the direction of Mr. A. H. Watt, accomplished the difficult task of removing this half-ton of metal from the Parengarenga gum fields, where it had rested for many years.

and localities not previously represented; it now has an entirely new section, microscopic preparations of the pollen grains of New Zealand plants, the basis of a new and important study, initiated by Miss Cranwell, of past forests and climates in this country.

In 1929 the Museum insect collection comprised a small display of overseas moths and butterflies; to-day it contains the extensive cabinet collection of New Zealand insects presented by Mr. Win. C. Clarke, the many specimens collected and described as types of new species by the late Mr. Alfred Philipott, and the world-wide display and cabinet collections presented by the late Mr. W. H. Henningway.

Mention of Miss Cranwell's pollen studies gives one instance of the value, of the necessity, of collections for the extension of our knowledge of nature. Because of the large mollusca collections in Auckland, and the superb knowledge which years of study had given him, Mr. Powell was entrusted with the task of reporting on the whole of the Antarctic and Subantarctic mollusca of the "Discovery II" research expeditions, an Empire enterprise with an essentially economic purpose. Mr. Clarke gave his important insect collection to Auckland because Alfred Philpott was here to study it, and thereby to add greatly to our knowledge of New Zealand insect life.

The collections have also provided the means of answering endless enquiries, from simple questions by school children to important problems of plants, pests, fisheries and agriculture, and the conservation of our native and developed natural resources.

The geological collections have contributed their share to enquiry and research, and from the rapidly expanding ethnographical collections have proceeded studies of Maori arts, crafts and ways of life.

The foregoing has given some details of what we believe is generally realized—the asset value of collections. But assets are also liabilities; they imply a responsibility to use and develop them. They impose a further responsibility. Because most of them are perishable they must be carefully watched and preserved against decay. The conclusion therefore is inevitable, that the rich assets Auckland has acquired in the extensive collections in its Museum, not merely provincial but national assets, source of important information and the potential of education and recreation for all, carry a weighty responsibility to extend the means for their safe custody, preservation and profitable use for the advancement of knowledge and for the pleasure and benefit of the community.

GILBERT ARCHEY

This year, in co-operation with Mr. Turbott, cases on the cicada, the puriri moth and the monarch butterfly have been prepared and in co-operation with Mrs. Turbott cases on Maori fishing and Pacific Island canoes have been completed. Owing to the greater number of classes attending the Museum, less time has been devoted to preparing school cases. Loan material has been sent to the natural history lecturer at the Auckland Teachers' Training College.

The Cheeseman Memorial Prize Competition for 1943 included a section for primary school children as well as the usual secondary school competition. The Secondary School section took the form of a project on the Life History and Economic Importance of the Coconut, and the primary school section consisted of projects comprised of pressed specimens and paintings of native flora. There were 15 entries in the secondary school section and 30 in the primary school section. The standard of work of the winning competitors was extremely high.

During the middle term exhibits designed to interest children were set up each week in a special display case on the second floor. Information on Museum exhibits interesting to children was collected and forwarded weekly during the winter term to 1ZB for broadcasts in the children's hour. Where possible, the children's display case and the 1ZB broadcast dealt with the same subject.

Much time has been given in assisting in the training of the 43 Training College students who have been posted to the Muscum. Without the assistance of these students, it would have been impossible to have dealt with the large number of children visiting the Muscum.

A series of Sunday afternoon lectures was arranged.

With the co-operation of the Museum staff, numerous botanical and zoological specimens have been identified for teachers and children.

A conference of the four Education Officers and Mr. W. B. Harris, supervisor of Teaching Aids, was held in Christchurch in August. It was of great interest and help to discuss and compare the educational work carried out in the four museums.

At the conference it was discovered that 95 per cent, of city and suburban schools attended Museum classes in the other three centres and only 35 per cent, in Auckland. In order to explain the work of the Museum educational service more clearly to head-

The molluscan collections have been enriched by a representative series of the land snails of Guadalcanal, collected and presented by Corporal F. H. Worsfold, a selection of rarities from the collection of the late Mr. W. La Roche, presented by his son, Mr. E. W. La Roche, and numerous specimens from a variety of sources,

Enouiries were not as numerous as in pre-war years, but the task of attending to them entailed more work, for with a depleted staff a wider field of subjects had to be undertaken.

A. W. B. POWELL.

### Education Officer.

The tendency is increasing for classes to take a course of lessons rather than to pay an isolated visit to the Museum. The attendance has increased this year by 2,636, the total number of children visiting the Museum in classes being 15,211.

The subjects available to classes comprise a series of fifteen lessons on the Races of Mankind (the emphasis being on Maori and Pacific culture), eight lessons on natural history subjects and two on world products. Each subject is introduced to the children by a talk illustrated by slides, after which the children handle duplicate material before going to the display cases. In order to fecus the attention of the children on important objects in the display cases, cyclostyled question sheets on each case have been prepared and each child has such a sheet and can find the answers by a careful examination of the case.

After the introductory talk the classes are broken up into small groups of six or ten children and taken with question sheets to the display cases by student teachers on Mondays. Tuesdays and Wednesdays, and work independently with question sheets on Thursdays and Fridays under the general supervision of the Education Officer. An important feature of this work is to see that before the children leave the Museum they have the correct answers; question sheets can then be kept by the children, who thus have a full written account of the subject they have studied.

School cases are sent in rotation to 30 city and suburban schools and 60 country schools. As there are only 50 cases, each of these schools receives cases for only two terms. Many outer suburban and country schools have applied for Museum Ioan material, but their requests cannot be granted until further cases are made.

has been made for an introductory case to the Pacific hall. Here the only other new exhibit is a centre case of general Hawaiian and Marquesan material.

At the request of the Dental Division of the Health Department, Miss D. Hall has spent the last month studying methods of Museum display.

During the year a short description of a newly acquired Marquesan carving was published.

OLWYN M. TURBOTT.

### Librarian.

Library expenditure £257 includes: Subscriptions to periodicals, £117; purchase of books, £63; and binding, £76.

Sixty-four books have been purchased and one hundred and three have been received by gift; the annual order for books is now in the hands of our London agents. A generous and valuable gift is that of eighty-eight volumes and a large number of pamphlets from Mr. E. Earle Vaile.

The periodicals and magazines arrive regularly, though sometimes a little late, which is understandable. Rather fewer periodicals and reports have come from overseas institutions, some of which are postponing the mailing of their publications.

As previously mentioned, the most valuable books had been removed for safe keeping; now the danger is averted they have been returned to the library.

MARSHALL C. CLELAND

masters, a meeting was arranged with the approval of the Education Board and all headmasters of city and suburban schools were invited to attend the Museum on Wednesday, 13th October, to watch the work of the education officer with a class. After the lesson was finished a discussion was held by the headmasters, the Education Officer and the Director. Arising out of this meeting, schools had in December already booked in 3,000 children for February, 1944.

An application for the appointment of a permanent assistant to the education officer was sent through the Education Board to the Education Department, and on February 1st, 1944, Miss A, M. Davies was appointed for one year. The fitting of a room for Miss Davies and the extra shelves which have been placed in the school room have facilitated the work.

I wish to thank the entire staff of the Museum for their very valuable help to me throughout the year.

ZOE O. LLOYD.

### Acting Ethnologist.

A certain amount of reorganization in the department was made necessary by the return of material which had been in places of safety during the war emergency. The gradual work of unpacking, checking and storing these specimens was eased by the assistance of a group of Training College students during the August holidays, and afterwards for several months by the help of the late Mr. A. Suter.

There have been several additions to the collections during the year, amongst those of particular interest being a collection of Egyptian antiquities presented by Lt. Col. the Hon. F. Waite, D.S.O., M.L.C. These have been added to the already large collection presented by Lt. Col. Waite last year. Mrs. Hemingway gave us an interesting collection of Moro weapons from the Philippines, and Mr. J. E. Attwood presented Maori stone adzes which he had collected at Mangatiti and Maungatautari.

Routine care of the collections and the extra work entailed by unpacking and replacing material have occupied so much time that there has been little opportunity for making new displays Nevertheless, several large cases in the Maori Court have been rearranged and a new colour scheme introduced into the Court, while a large racial map of the Pacific, painted by Mr. Turkington,

### RECEIPTS AND PAYMENTS ACCOUNT

For the Year Ended 31st March, 1944.

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Balance, 1st April, 1943						0.1	12.930	5	0.1		£12,930
Subscriptions   447 6 0   Insurance   356 6										- 17	Balance 1,168
Subscriptions   Advance   918   6   Library Expenses   255   1											War Contingencies Reserve 200
Subscriptions   Advance   447 6 0   Subscriptions   Advance   91 9 6   Insurance   256 1											
Subscriptions   Advance   447 6 6   Insurance   355 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5											
Subscriptions   447 6 0   Insurance   556   15									37		
Subscriptions   447 6 0   Insurance   355 6									1017		Life Subscription Account 147
Subscriptions   Advance   916   6   Insurance   355   45   5   6   1   1   1   1   1   1   1   1   1	- (	Contributions Shrine A	ecoun	t			40	0	0		
Subscriptions   447 6 0   Insurance   356								1			
Subscriptions   447 6 0   Insurance   356 5							2,700	0			Entertainment 1
Subscriptions   447 6 0   Insurance   556 t				neipa!							
Subscriptions   447 6 0   Subscriptions   356		Rent									
Subscriptions   147 6 0   Insurance   356	1						2	1	11		Auckland Museum Maintenance Amendment Act,
Subscriptions   447 6 0   Insurance   356											
Subscriptions   447 6 0   Insurance   356											
Subscriptions   447 6 0   Insurance   556											
Subscriptions   447 6 0   Insurance   356							5,700	10	0		Conseal Maintenance 425
Subscriptions   447 6 0   Insurance   358 6							495	4	6		
Subscriptions   447 6 0   Insurance   2556								3			
Subscriptions         447 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. '							8	2		
Subscriptions											
Subscriptions	0	Subscriptions in Adva					1.47		0	21	
							447		6		
							1,156	4	8		

### INCOME AND EXPENDITURE ACCOUNT.

	For the Year Ende	ed 31st March, 1944.
EXPENDITURE To Salaries Insurance General Maintenance School Services, Publications, Prizes School Services, Publications, Prizes School Services, Publications, Prizes School Services, Publications, Prizes Wreaths Unautherised Expenditure— Wreaths Sunding Maintenance Subscriptions Written Off Treatherise School Scho	9 2 7	INCOME
	MUSEUM ENDOWN	MENT ACCOUNT.
Cash at Bank	£ s. d. £ s. d. 4,064 4 4 150 18 6 4,215 2 10 356 5 5 13,858 17 5	By Balance 1/4/1942—
	£13,858 17 5	£13,858 17

### LIFE MEMBERS' SUBSCRIPTION ACCOUNT.

To Balance 31/3/44— Investments						d. 5	By Balance 1/4/1943— Investments	£ 2,644 147	s. 11 0	d
				2,79	1 11	5		£2,791	11	-
	-	 				_			-	

### ACCUMULATING ENDOWMENT ACCOUNT.

To Balance 31/3/1944— Investments			£ 370	s. 4	d. 4	By Balance March 31st, By Interest	1/4/43 1944—				£ 363 6	8. 18 5	9
			£370	4	4						£270	4	4

### MACKECHNIE BEQUEST ACCOUNT.

To Balance 31/3/1944— Cash in Bank			£	8.	d. 3	By Balance March 31st, By Interest	1/4/43 1944—				£ 15		
			£16	2	3						£16	2	3

### SIR JAMES GUNSON TRUST ACCOUNT.

To Balance 31/3/1944— Cash in Bank	 	 	 £ s. d. 220 18 5	By Balance 1/4/43 March 31st, 1944— By Interest	 	 	 **	£ 215 5	8. 18 0	d. 5
			£220 18 5			 		£ 220	18	5

### MEMORIAL HALL TRUST FUND.

To Balance 31/3/1944— Cash in Bank			£ 484			By Balance March 31st, By Interest ,, Transfer	1944—				435	4	5 10
			£484	18	9						£484	18	9

### SPECIMEN PURCHASE FUND.

To Balance 31/3/1944—	By Balance 1/4/43 532 11 1
£653 1 9	£653 1 9

### AUCKLAND INSTITUTE AND MUSEUM.

BALANCE SHEET AS AT 31st MARCH, 1944.

LIABILITIES.					ASSETS.
Capital Account—	£	s. d.	2.	s. d.	Buildings £ s. d. £ s. c
	221,588 5,009				Ist April, 1943
Furniture	22,384	2 (	)	TE 0	Furniture and Fittings—  1st April, 1943
Endowments-			020,100	10 -	
Costley Bequest	2,000	0 0	)		Less Depreciation
Campbell Bequest Herries Bequest Shaw Bequest Nathan Bequest	1,000	0 0	)		Cellections—  1st April, 1943
Marshall Bequest	550	0 0			Library Books— 159,142 19
Harding Bequest Museum Endowment		17			1st April, 1943 9,359 6 2 Additions
General Account		11 (	31,500 10,319		Investments-  Mortgages
Mackechnie Library Fund Accumulating Endowment Reserve Fund (Ambury Bequest)	370	2 3			N.Z. Inscribed Stock
Gunson Specimen Reserve Fund Mitchelson Prize Fund Memorial Hall Trust Fund	50 484		,		Sundry Debtors
Specimen Purchase Reserve Fund Building Maintenance Reserve	2,158	5 4			Cash 89 2
J. A. Pond Reserve O Gore Adams Reserve War Contingencies Reserve	102	10 0 10 0	)	10 10	Bank of New Zealand   2,613 14 2
Reserve for Depreciation of Investments			356	5 5	Cash in Hand
Sundry Creditors— On Open Account		2 10 19 0		2 4	Income and Expenditure Account—    Balance 31/3/44
			2446.163	19 0	£ 446.163 13

GILBERT ARCHEY, Treasurer

### The following

### Periodicals and Publications of Societies

TRANSACTIONS AND PROCEEDINGS OF THE ROYAL SOCIETY.

NEW ZEALAND JOURNAL OF SCIENCE AND TECHNOLOGY.

THE AMERICAN JOURNAL OF SCIENCE.

THE PHYSICAL REVIEW

NTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY.

CHEMICAL REVIEWS

THE INDUSTRIAL CHEMIST

THE GEOLOGICAL MAGAZINE

QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.

THE GEOGRAPHICAL JOURNAL

THE GEOGRAPHICAL MAGAZINE

ANNALS AND MAGAZINE OF NATURAL HISTORY.

ANNALS OF BOTANY

TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL SOCIETY.

THE ZOOLOGICAL RECORD.

PUBLICATIONS OF THE RAY SOCIETY.

JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE.

JOURNAL OF EGYPTIAN ARCHAEOLOGY.

MANKIND

IOURNAL OF THE POLYNESIAN SOCIETY.

ART IN NEW ZEALAND

MIND.

IOURNAL OF THE STATISTICAL SOCIETY.

QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL

### List of Benefactions

made to the

### Auckland Institute and Museum

of an amount (or value) exceeding £50.

### MONETARY GIFTS.

Auckland Citizens: £2,026 subscribed towards first building. Mr. J. C. Firth donated £106 for show cases. Mr. Edw. Costley bequeathed £12,150. 1887 Mr. David Nathan bequeathed £100 1897 Mr. T. Russell donated £100 for geological specimens. Auckland Citizens subscribed £1,000 for Mair Collection. 1901 1902 Mr. E. A. Mackechnie bequeathed £2,500. 1906 Auckland Citizens subscribed £662 for carved houses. 1911 Auckland Citizens subscribed £684 for ancient carvings. Sir John Logan Campbell bequeathed £1,000 Institute Members subscribed £115 for Temple Bronzes. 1923 Sir Wm. H. Herries bequeathed £1,000. Citizens subscribed £698 for Maori collections 1925 Institute Members subscribed £100 for Maori collection 1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000. Mr. F. Shaw bequeathed £1,000. 1927 Mr. S. J. Ambury bequeathed £250. 1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwita Mitchelson Prize Fund 1940 Mr. Maurice Harding bequeathed £500 1941 Mr. Ormsby Gore Adams bequeathed £100. 1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman SPECIMENS AND BOOKS. Mr. R. C. Barstow: Large collection of Maori articles Mr. G. F. Edmonston: 564 volumes of scientific works. 1876 1878 Mr. T. Russell, C.M.G.: 34 casts from the antique. 1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection. Mr. C. O. Davis: Valuable Maori collection 1901 Mr. L. D. Nathan: Japanese Shinto Shrine. Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hor. Sir Edwin Mitchelson: Valuable Kauri Gum collection. Dr. C. E. R. Bucknill: Collection of Old English Glass.
Mr. Henry Shaw: Collection of Japanese art.
Miss Ruth Northcroft: Large Maori and Polynesian Collection 1917 The Misses Yates: Collection of Indian weapons. 1919 The Misses Yates: Collection of Indian weapons.
Mr. James Dunning: Collection of North American Mammals.
Mr. W. A. Aldred: Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethographical collection
Mr. T. F. Chesseman, F.L.S., F.N.Z.Inst.: The Chesseman Herbarium of native and foreign plants. 1923

- Mr. Wm. Sutherland: Melanesian ethnographical collection Mr. A. C. Caughey: Fijian and New Hebridean ethnographical
  - Mr. R. A. Meek: Ethnographical specimens from Bismarck Group, Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- Mr. F. Crossley Mappin: Valuable Maori and South Pacific 1925
- Mr. Geo. F. Webster: Valuable Maori antiquities.
  - Mr. H. R. Butcher: Collection of British coins. Mrs. E. M. Ball: The Thos. Ball Zoological collection.
  - Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens. Mr. Hallyburton Johnstone: Silver cup presented by Queen
- Victoria in 1878 to the Royal George Yacht Club. Mr. F. Crossley Mappin: Valuable Maori carvings
- Mr. Moss Davis: Valuable ethnograpical specimens.
- Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box
  - Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
  - Mr. Harry Kinder: The Dr. Kinder Collection-Maori and Melanesian
  - Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical
  - Mrs. S. J. Lushington: Large collection of mollusca.
- Mr. T. H. Barstow: Maori canoe prows and stern posts.
  Mr. W. R. McGregor: New Ireland carved memorial figures
  Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collec 1929 tion of mollusca
  - Rev. W. H. Webster: Large collection of mollusca.

  - Nr. C. E. Clarke: Large collection of N.Z. Insects.
    Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.
    Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E Vaile: A large collection of Maori implements greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.
- Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.

- Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.
- Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes. Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium
- Mr. F. Crossley Mappin: Maori Specimens, including hand-The Admiralty: Model of H.M.S. New Zealand.
- Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Valle: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and
- Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers
- Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes
- Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history, Mr. W. Goodfellow: Large Melanesian collection.
- Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
  - Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films
- Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lan-
  - Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, filmts, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- Captain G. A. Humphreys-Davies: His extensive and valuable collection of Chinese arts. Mr. E. Earle Vaile: Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway: The late Mr. Hemingway's display and cabinet col tions of insects. Lt. Col. the Hon. F. Waite, D.S.O., M.L.C.: Further collections from Egyptian Pre-dynastic. Dynastic and Ptolemaic periods.

### GIFTS

## Library and Museum

### LIBRARY.

New Zealand Parliamentary Reports: Hansard ,1943; Monthly Abstract of Statistics, 1943; New Zealand Journal of Agriculture, 1943; Year Book, Publications of the Auckland University College, Journal o. the Alpine Sports Club, Auckland. Belletins of the New Zealand Geological Survey, Publications of the Cawthron Institute, Nelson, Records and Bulletins of the Dominion Museum, Wellington. Records and Bulletins of the Dominion Museum, Wellington, New Zealand Science Review, Wellington, War Publications, Director of Publicity, Wellington, News Letters: The American Legation, Wellington, Publications of the Botanical Society, Wellington, Publications, of the Cosul General of Poland, Wellington, Pelish Publications, the Cosul General of Poland, Wellington, Publications of the Council of Scientific and Industrial Research, Wellington, Faccords of the Cauterbury Museum, New Zealand, Publications New Zealand Institute of International Affairs. Proceedings of the Linnean Society of New South Wales, Proceedings of the Zoological Society of New South Wales. Records and Memoirs of the Australian Museum, Journal of the Royal Society of New South Wales, Bulletins and Reports of the Technological Museum, Sydney, Butetins and Reports of the Lechnological Museus, Springer, Proceedings of the Royal Society of Victoria, Wittoria, Mattonal Museum of Museums, Victoria, The Victorian Naturalist, The Field Naturalist, Club of Victoria, Council of Scientific and Industrial Research, Melbourne, Proceedings of the Royal Society of Queensland. Protectings of the University of Queensland.

Records of the South Australian Museum.

Transactions and Proceedings of the Royal Society of South Australia. Proceedings of the Royal Society of Tasmania. Proceedings of the Royal Society of Tasmania.
Records of the Queen Victoria Museum, Launceston, Tasmania.
Publications of the Royal Entomological Society of London.
Proceedings of the Linnean Society of London.
Bulletins of the Imperial Institute, London.
Publications of the Manchester Museum.
Publications of the Gonchological Society of Great Britain and Ireland.
Journal of the Marine Biological Association, Plymouth.
Quarterly Bulletins and Reports of the Leicester Museum and Art Gallery.

Transactions and Proceedings of the Royal Society of Edinburgh.

Annals of the South African Museum.
Annals of the Transvaal Museum.
Annals of the Durban Museum.
Annals of the Natal Museum.
Bulletins of the Mauritius Institute.
Bulletins of International News: Dr. Archey.
Pacific Affairs: Dr. Archey.
Linted Empire: Dr. Archey.
Linted Empire: Dr. Archey.
Linted Empire: Dr. Archey.
Contributions of the Royal Ontario Museum of Zoology.
Transactions of the Royal Society of Canada.
Bulletins and Reports, Department of Mine.
Canada.
Bulletins and Reports, Department of Mine.
Publications of the Gity Museum and Art Gallery, Vancouver,
Proceedings and Transactions of the Nova Scotia Institute of Science.
Publications of the City Museum and Art Mashington.
Publications of the Carnegie Corporation of New York.
Publications of the State College of Washington.
Publication of Oceanography: The University of Washington.
Publication of New York Coological Park.
Annals of the New York Academy of Sciences.
Publications of The Peabody Museum, Harvard.
Bulletins, Museum of Comparative Zoology, Harvard.
Bulletins and Circulars, U.S. Department of Agriculture.
Natural History and Reports, American Museum of Natural History and Reports, American Museum of Natural History and Reports, American Museum.
Proceedings and Bulletins of the U.S. National Museum.
Memoirs, Bulletins and Occasional Papers of the Bishop Museum.
Botanical Papers, New York Rotanical Garden.
Proceedings of the Academy of Sciences of Philadelphia.
Publications of the San Dego Society of Natural History.
Proceedings of the Cadifornia Academy of Science,
Marine Biology: Stanford University of Citiornia.
Bulletins of the Wasner Free Institute of Science, Philadelphia.
Publications of the Loyd Liversity of Citiornia.
Bulletins of the Wasner Free Institute of Science, Philadelphia.
Publications of the Loyd Liversity of Citiornia.
Bulletins and Occasional Papers, The University of Citiornia.
Bulletins and Occasional Papers, The University of Citiornia.

### REPORTS.

Dominion Laboratory.
Auckland Acclimatisation Society.
The Canterbury Museum.
Wanganni Public Museum.
Otago Museum.
Otago Museum.
Sational Art Gallery and Dominion Museum.
Department of Scientific and Industrial Research, Wellington.
Southland Museum Trust Board.
Canterbury University College.
Wellington Branch of the Royal Society of New Zealand.
Canterbury Branch of the Royal Society of New Zealand.
Otago Branch of the Royal Society of New Zealand.
Otago Branch of the Royal Society of New Zealand.
Otago Dago University Library.

The New Zealand Numismatic Society.

The Anthropological Society of New South Wales.

The Australian Museum, Sydney

The Australian Museum, Sydney, Public Library, Museum and Art Gallery of Victoria, Public Library and Art Gallery of South Australia. United States National Museum, The Bernice P. Bishop Museum, Honolulu. Haselmere Educational Museum, Public Library and Museum, Derby,

Queen Victoria Museum, Launceston, Tasmania.

The South African Museum

The National Museum of Southern Rhodesia

The Egypt Exploration Society

The Discovery Committee, Discovery Investigation,
The Discovery Committee, Discovery Investigation,
Books have been presented by Messrs, C. J. O'Keefe, C. R. Ford, B. K. G.
Dawson, T. W. Mellor, Hermann Schmidt, B. E. V. Parham, Count
C. K. Wodzicki, Captain G. A. Humphreys-Davies, Ernest A. Burge,
Dr. Archey, E. E. Valle, and C. E. Jenkins.

### ACCESSIONS, 1943-44:

Mr. C. R. Anderson: Two plaited fans from Nukulaelae, fish hook, Mrs. F. L. Armitage: Collection of Lepidoptera and other insects from Ceylon, made by the late Mr. F. L. Armitage. Sgt. P. Brook Armitage: Dancing mask for Duk-duk ceremonies.

Mr. K. O. Arvidson: Ethnographical specimens from New Guinea. Mr. J. E. Attwood: Collection of Maori adzes.

an J. E. Attwood. Collection of Maria due program.

Auckland Zoological Park: Big crested penguin.

Major-General H. E. Barrowdough, D.S.O., M.C.: Scale model of Nissan

Atoll captured by 3rd N.Z. Division.

Driver W. S. Baxter: Two marble heads of a bas-relief, two bronze figures,

clay spindle-weight, Egypt.

Mr. Alfred M. Bishop: Maori adzes; gum-spear made by J. Brown, a noted

spear-maker of the 'eighties.

G. W. Blair: Ethnographical specimens, mostly of the Bhil tribes. India.

Mr. C. F. Bostock: Silver punch ladle. Mrs. C. F. Bright: Large totara bowl found in a swamp. Mr. A. E. Brookes: Root of tree with outgrowth enveloping a block of

wr. W. E. Browne: Lock of human hair tied with flax.
Mr. Geo. Brunsden: War medals and African native weapons.
Mr. C. E. A. Buller: New Caledonia implements and ornaments.

Mr. Alfred Cox: Antipatharian coral.

Mr. Geo. Charters: Moa gizzard stones Mr. C. A. Clements: Portion of first Zeppelin brought down in the 1914-18 war; three bronze coins.

Mr. D. Creigh: Small adze

Miss Violet Dickinson: Chinese, Japanese and Persian antiquities.

Lt. Col. Kenneth Dingwall: Corean "Scilla" vase, Indo-Chinese pots, and

Mr. F. S. Dyson, Stone adzes, sinker and rubber,
Mr. B., Feary: Skull of sea lion,
Mr. and Mrs Fell: Collection of coins,
Mr. V. F. Fisher: Ethnographical material from New Caledonia; warbler's nest

Mr. M. E. Fitzgerald: Lutino budgerigar; albino budgerigar.

Miss Marion Goldney: Full dress service jacket of the 35th Sikhs.

The late M. C. Gorrie: 5-ch. Colt revolver.

Mr. A. Graham: Collection of Maori artifacts. Skeleton of Maori dog

Mr. George Graham: Solomon Island comb. Bamboo head rest.

Rev. J. L. Greer: Carved wooden figure; bangle of zebra tail hair, Central

Mrs. F. Halewood: Stone from Houses of Parliament, Westminster, dis-

Lt. P. Harris: Security posters used in the Middle East.

Mrs. W. H. Hemingway: Collection of insects from many areas, made by the late Mr. W. H. Hemingway. Collection of Moro weapons, Philip-

Mr. L. Hardie: Set of goffering irons

Mrs. F. Hart-Smith: Two lithographs from monastery at Athos, Greece.

Mr. J. Harvey: Iron wine pot from China

Mr. E. B. W. Hendricks: Dutch East Indies artifacts.

Mr. E. Hocker: Photograph of N.Z.M.G. Depot Coy., Grantham, England.

The late Mr. F. Horsman: Kauri gum, stone adzes, and kiwi egg.

Mr. C. P. Hugonin: Portable writing desk used in the Crimea War

Capt. G. A. Humphreys-Davies: Extensive and valuable collection of Chinese art. Two bamboo lime boxes,

Major G. R. Hutchinson: Gen. Birdwood's message to Australian and N.Z. Forces, March, 1916, and Earl Kitchener's message to troops.

Mrs. Hutchinson: Solomon Island Clubs,

Mr. Hallyburton Johnstone: Maori plaited hat and kit, Marquesan canoe

Mr. J. W. Kealy: Pottery lamp from Damascus

Mr. Clarence Keene: Collection of Maori stone implements. Mrs. J. Newton King: Collection of tapa cloth.

Mr. and Mrs. Harold Lane: Three English Delft plates, Lambeth, Bristol Mr. W. E. La Roche: Collection of rare species of N.Z. Mollusca, from

the collection of the late Mr. W. La Roche.

Sir Cecil Leys: Carved Meerschaum pipe; German

Mr. F. A. Luke: Fern root beater.

Mr. C. Lynch: Old handcuffs dug up in Eden Terrace. Mr. B. Marr: Maori wooden maul

Sir Frank Mappin: Section of Atlantic cable, 1866.

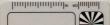
Mrs, L. Matthews: Paintings of Rarotongan flowers. Mr. Moltzer: Maori wooden bowl.

Mrs. G. A. MacMillan: Two pairs of women's shoes for bound feet, China.

Mr. L. A. McIntosh: Trypot of the type formerly bricked in on deck of

Mrs. J. K. Nasmith: Badges of South African War

Mr. G. J. Nicholson: Stone implements and wooden fern root pounder;



Miss A. O'Neill: Burmese religious engraved tablets.

Capt. N. V. Le Petit, M.C.: N.Z. ensign flown at H.Q. N.Z. Division at Haus Mielenforst.

Mr. S. D. Potter: Ringed sea snake.

Mr. T. C. Prichard: Stone adzes and two-piece wooden hook.

Mr. Clark: Unfinished wooden bowl.

Mr. John Reid: Two greenstone adzes

Mr. J. G. S. Reid: Book inscribed on bamboo.

Mr. P. Ross: Supple jack enclosed by growing taraire.

Mr. W. H. Ross: Hauhau banners used by the Maoris who withdrew to the area S.W. of Mokai

Mr. Peter Sparks: Ying Ching ewer and cover of the Sung period.

Mr. J. Stewart: Leader's pass, Hitler's Youth Movement.

Takaka Hill Quarry: Block of Takaka marble,

Mr. Taylor: Bronze "Hu" or wine vessel.

The late Capt. Theet: Micronesian ethnographical material.

Capt, A. R. Tideswell: Stone adze from old midden near beach, Solomon Is. S./Sgt. W. Laird Thomson: Vase and bowl made by native craftsmen from bottle and other scrap glass, Egypt.

Mr. H. Turner: Two ta'hva (Fijian tooth pendants).

Mr. E. E. Vaile: Twenty dollar bill, Confederate States of America, 1864.

Mr. W. B. Wagener: Maori fishing weight, Lt. Col. the Hon. F. Waite, D.S.O., M.L.C.: Collection of Egyptian antiquities

Mrs. Warmington: Grandfather clock

Mr. Warren: Piece of tapa cloth

Mr. A. H. Watt: Stone adze and sinker.

Miss L. Watts: Tewhatewha.

Staff Sgt. Walters: Collection of Italian badges and trophies; Libya.

Mr. H. A. Wood: Large banner, votive offering for a Mohammedan temple. Deposited.

Cpl. F. H. Worsfold: Collection of land snails from Guadalcanal and Vella

### Members of the Auckland Institute.

Members are requested to advise the Secretary of any change of Address)

HONORARY LIFE MEMBER.

Sir Cecil Levs.

Adams, L.
Aimer, Lt. K. W.
Alison, E. W.
Anderson, E.
Archey, Lieut-Col.
O.B.E., M.A., D.Sc.,
F.R.S.N.Z. Astley, Frank E. Attwood, J. E. Baildon, George. Bartlett, W. H. Bartrum, Professor J. A., M.Sc., F.K.S.N.Z.
Baxter, T. N.
Bennett, C. F.
Bledisloe, Rt. Hon. Viscount,
P.C., G.C.M.G., K.B.E., D.Sc.
Bollard, A. E.
Bloomfield, H. R. Brett, Arthur.
Briggs, L. H., D.Sc., Ph.D., F.R.S.N.Z.

Brodziak, N. Brooker, S. G., M.Sc. Brown, Miss E. Browne, Miss L. M. Brownlee, Mrs. G. Buddle, H. D. Buttle, R.

Cashmore, E. \*Canahev, Major J. E., \*Caughey, N.Z.M.C Clayton, D. L. Clinch, Dr. J. A. Coakley, L. J. Cocker, Mrs. W. H., M.Sc. Conyns, C. C.
Court, A. H.
Cousins, H. G., M.A.
Craig, J. C.
Crompton, W. J.
Crockes, Miss M. W., M.A.
Crockes, S. Irwin, M.I.Chem.E.,
M.I.E.E. Dale, T. J.
Davidson, S. L.
Davidson, S. L.
Davis, Sir Ernest.
Dearsley, H. P.
De Courcy, D. G. Grace.
Dickson, J. F. W., LL.B.
Dixon, C. E., M.S.C.
Donald, J. B.
Draffin, M. K., M.C., F.R.L.B.A.
Duttie, N. A., D.S.O.

Edmiston, P. A Elliot, Sir George.
Elliot, Sir George.
Ellis, Sir Albert, C.M.G.
Endean, W. P., LL.B.
Entrican, J. C.
Ewen, J. F. A.

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